L Number	Hits	Search Text	DB	Time stamp
1	15	369/$7.ccls. and ((modulat$3 near3 amplitude) with (0.4$1 0.5$1 0.6$1))	USPAT	2004/06/23 08:31
2	39	369/$7.ccls. and ((modulat$3 near3 amplitude) with (4?% 5?% 6?% 7?%))	USPAT	2004/06/23 08:34
-	693	369/$7.ccls. and substrate and groove and pitch and wave$1length and ((numerical adj aperture) NA)	USPAT	2004/06/17 13:22
-	80	369/$7.ccls. and substrate and groove and pitch and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light))	USPAT	2004/06/17 14:15
-	61	369/$7.ccls. and substrate and groove and pitch and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)	USPAT	2004/06/17 14:18
-	59	369/$7.ccls. and substrate and groove and pitch and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change) and $3nm	USPAT	2004/06/17 14:21
-	23	369/$7.ccls. and substrate and groove and (pitch with $3nm) and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change) and $3nm	USPAT	2004/06/17 14:22
-	24	369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m")) and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change) and $3nm	USPAT	2004/06/17 14:26
-	24	369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m")) and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)	USPAT	2004/06/17 14:32
-	22	369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m")) and (wave$1length with ($3nm "0."$3".mu.m" "."$3".mu.m")) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)	USPAT	2004/06/17 14:34
-	9	369/$7.ccls. and substrate and groove and (pitch near3 ($3nm "0."$3".mu.m" "."$3".mu.m" (("0."$3 "."$3) adj ".mu.m"))) and (wave$1length near3 ($3nm "0."$3".mu.m" "."$3".mu.m" (("0."$3 "."$3) adj ".mu.m"))) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)	USPAT	2004/06/17 14:39
-	9	369/$7.ccls. and substrate and groove and (pitch near3 ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and (wave$1length near3 ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)	USPAT	2004/06/17 14:41

-	22	369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and (wave$1length with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)	USPAT	2004/06/17 16:42
-	24	369/$7.ccls. and (pitch with (0$4".mu.m" $4".mu.m" (0$4 adj ".mu.m")))	USPAT	2004/06/17 14:50
-	22	369/$7.ccls. and (pitch near6 (0$4".mu.m" $4".mu.m" (0$4 adj ".mu.m")))	USPAT	2004/06/17 14:51
-	6	369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and (wave$1length with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change) and ((light adj transmi$5) with mm)	USPAT	2004/06/17 16:43
-	8	(369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) near3 layer) with $3mm)) (369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and (wave$1length with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change) and ((light adj transmi$5) with mm))	USPAT	2004/06/17 15:16
-	8	369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) near3 layer) with $3mm)	USPAT	2004/06/17 16:43
-	8	369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) near3 layer) with ($5mm $3".mu.m" micro$1meter$1))	USPAT	2004/06/17 16:26
-	6	("5581539" | "6023451" | "6246656" | "6269070" | "6411593" | "6487163").PN.	USPAT	2004/06/17 15:41
-	19	kondo-tetsuya.in.	US-PGPUB	2004/06/17 16:33
-	423	kondo-tetsuya.in.	USPAT; US-PGPUB; EPO; JPO	2004/06/17 16:33
-	29	kondo-tetsuya.in. and (phase adj chang$3)	USPAT; US-PGPUB; EPO; JPO	2004/06/17 16:33

-	12	369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $5".mu.m"))	USPAT	2004/06/17 17:27
-	13	369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3 transparent) near4 layer) with ($3mm $5".mu.m"))	USPAT	2004/06/17 17:12
-	13	369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $5".mu.m"))	USPAT	2004/06/17 17:16
-	14	(369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3 transparent) near4 layer) with ($3mm $5".mu.m"))) (369/$7.ccls. and substrate and groove and (pitch with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length with ($3nm $5".mu.m" ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $5".mu.m")))	USPAT	2004/06/17 17:16
-	1311	369/$7.ccls. and substrate and groove and pitch and wave$1length ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) protect$3) near4 layer)	USPAT	2004/06/17 18:25
-	1235	369/$7.ccls. and substrate and groove and pitch and wave$1length ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) protect$3) near4 layer) and (super$1resolution (super adj resolution) SIL)	USPAT	2004/06/17 17:25
-	0	369/$7.ccls. and ".mu.m"	USPAT	2004/06/17 17:26

-	4808	369/$7.ccls. and $1mu$1m	USPAT	2004/06/17 17:27
-	18	369/$7.ccls. and substrate and groove and (pitch near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $6mu$1m))	USPAT	2004/06/17 18:10
-	22	369/$7.ccls. and substrate and groove and (pitch near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $6mu$1m))	USPAT	2004/06/17 18:15
-	0	(369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and (wave$1length with ($3nm "0."$3".mu.m" "."$3".mu.m" ("0."$3 adj ".mu.m"))) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change)) not (369/$7.ccls. and substrate and groove and (pitch with ($3nm "0."$3".mu.m" "."$3".mu.m")) and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1change))	USPAT	2004/06/17 18:15
-	4	(369/$7.ccls. and substrate and groove and (pitch near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $6mu$1m))) not (369/$7.ccls. and substrate and groove and (pitch near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and (wave$1length near4 ($3nm $6mu$1m ((nano micro) adj meter) micro$1meter$1 nano$1meter$1)) and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) with ($3mm $6mu$1m)))	USPAT	2004/06/17 18:15
-	909	369/$7.ccls. and substrate and ((guid$3 land) with groove) and pitch and wave$1length ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) protect$3) near4 layer)	USPAT	2004/06/17 18:32

-	838	369/$7.ccls. and substrate and ((guid$3 land) with groove) and pitch and wave$1length (((numerical adj aperture) NA) with ("0.75" "0.85" "0.9" "0.90" "0.875" "0.825")) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) protect$3) near4 layer)	USPAT	2004/06/17 18:30
-	826	369/$7.ccls. and substrate and ((guid$3 land) with groove) and pitch and wave$1length (((numerical adj aperture) NA) with ("0.75" "0.85" "0.9" "0.90" "0.875" "0.825")) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) near5 ($5mm $4mu$1m))	USPAT	2004/06/17 18:32
-	34	369/$7.ccls. and substrate and ((guid$3 land) with groove) and pitch and wave$1length and ((numerical adj aperture) NA) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) protect$3) near4 layer)	USPAT	2004/06/17 18:44
-	7	369/$7.ccls. and substrate and ((guid$3 land) with groove) and pitch and wave$1length and (((numerical adj aperture) NA) with ("0.75" "0.85" "0.9" "0.90" "0.875" "0.825")) and ((blue indigo violet purple) with (laser light)) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) near5 ($5mm $4mu$1m))	USPAT	2004/06/17 18:33
-	179	369/$7.ccls. and substrate and ((guid$3 land) with groove) and pitch and wave$1length and ((numerical adj aperture) NA) and ((phase adj chang$3) phase$1chang$3) and (((light adj transmi$5) protect$3) near4 layer)	USPAT	2004/06/17 18:45
-	46	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) near5 ($5mm $4mu$1m))	USPAT	2004/06/21 09:41
-	68	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((((light adj transmi$5) protect$3) near4 layer) near5 ($5mm $4mu$1m))	USPAT	2004/06/21 09:39
-	46	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((phase adj chang$3) phase$1chang$3) and ((((light adj transmi$5) protect$3) near4 layer) near5 ($5mm $4mu$1m))	USPAT	2004/06/21 09:42
-	194	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((phase adj chang$3) phase$1chang$3)	USPAT	2004/06/21 12:48

-	148	(369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((phase adj chang$3) phase$1chang$3)) not (369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((((light adj transmi$5) protect$3) near4 layer) near5 ($5mm $4mu$1m)))	USPAT	2004/06/21 10:13
-	43	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and (((numerical adj aperture) NA) near5 ("0.75" "0.76" "0.775" "0.78" "0.8" "0.80" "0.82" "0.825" "0.84" "0.85" "0.86" "0.875" "0.88" "0.89" "0.9" "0.90" "0.885" "0.87")) and ((phase adj chang$3) phase$1chang$3)	USPAT	2004/06/21 11:57
-	43	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm micron)) and (wave$1length near5 ($6mu$1m $3nm)) and (((numerical adj aperture) NA) near5 ("0.75" "0.76" "0.775" "0.78" "0.8" "0.80" "0.82" "0.825" "0.84" "0.85" "0.86" "0.875" "0.88" "0.89" "0.9" "0.90" "0.885" "0.87")) and ((phase adj chang$3) phase$1chang$3)	USPAT	2004/06/21 11:59
-	36	369/$7.ccls. and substrate and ((guid$3 land) with groove) and (pitch near5 ($6mu$1m $3nm)) and (wave$1length near5 ($6mu$1m $3nm)) and ((numerical adj aperture) NA) and ((phase adj chang$3) phase$1chang$3) and ((super adj resolution) SIL)	USPAT	2004/06/21 12:50
-	10	369/$7.ccls. and "jis standard"	USPAT	2004/06/22 08:26
-	0	369/$7.ccls. and ("jis standard" with ((x adj "6241") x6241))	USPAT	2004/06/22 08:27
-	0	369/$7.ccls. and ("jis standard" with ((x adj "6241") x6241 x6241:1997))	USPAT	2004/06/22 08:28
-	54	369/$7.ccls. and (modulated adj amplitude)	USPAT	2004/06/22 08:29
-	2	369/$7.ccls. and ((modulated adj amplitude) with 0.4$1)	USPAT	2004/06/22 08:30
-	4	369/$7.ccls. and ((modulated adj amplitude) with (0.4$1 0.5$1))	USPAT	2004/06/22 08:42
-	2	369/$7.ccls. and ((modulated adj amplitude) with (cnr error))	USPAT	2004/06/22 08:42
-	2	369/$7.ccls. and ((modulated adj amplitude) with (cnr error noise))	USPAT	2004/06/22 08:43
-	489	369/$7.ccls. and ((reflectivity reflectance) with (cnr error noise))	USPAT	2004/06/22 08:44
-	123	369/$7.ccls. and ((reflectivity reflectance) with (cnr error noise) with (increas$3 decreas$3 improv$5 enhanc$5 lower$3 rais$3))	USPAT	2004/06/22 08:45
-	0	369/$7.ccls. and (((reflectivity reflectance) near4 percent$3) with (cnr error noise) with (increas$3 decreas$3 improv$5 enhanc$5 lower$3 rais$3))	USPAT	2004/06/22 08:46
-	9	369/$7.ccls. and (((reflectivity reflectance) near4 (percent$3 $2%)) with (cnr error noise) with (increas$3 decreas$3 improv$5 enhanc$5 lower$3 rais$3))	USPAT	2004/06/22 09:03

-	9	369/$7.ccls. and (((reflectivity reflectance) near4 (percent$3 $2%)) with ((s/n snr s-n-r signal-to-noise (signal adj2 noise adj ratio)) error noise) with (increas$3 decreas$3 improv$5 enhanc$5 lower$3 rais$3))	USPAT	2004/06/22 09:05
-	5	369/$7.ccls. and (((reflectivity reflectance) near4 (percent$3 $2%)) with ((s/n snr s-n-r signal-to-noise (signal adj2 noise adj ratio)) error) with (increas$3 decreas$3 improv$5 enhanc$5 lower$3 rais$3))	USPAT	2004/06/22 09:05
-	4	369/$7.ccls. and ((modulat$3 adj amplitude) with ((s/n snr s-n-r signal-to-noise (signal adj2 noise adj ratio)) error) with (increas$3 decreas$3 improv$5 enhanc$5 lower$3 rais$3))	USPAT	2004/06/22 09:08
-	5	369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and ((spindle motor) with (spin$4 rotat$3)) and (turn$1table (turn adj table)) and (demodulat$3)	USPAT	2004/06/22 09:34
-	70	369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)	USPAT	2004/06/22 09:33
-	5	(369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)) and (turn$1table (turn adj table))	USPAT	2004/06/22 09:52
-	55	(369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)) and ((spindle motor) with (spin$4 rotat$3))	USPAT	2004/06/22 09:54
-	25	((369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)) and ((spindle motor) with (spin$4 rotat$3))) and (phase$1change (phase adj change))	USPAT	2004/06/22 09:55
-	26	(369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)) and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))	USPAT	2004/06/22 13:23
-	23	((369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)) and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and ((spindle motor) with (spin$4 rotat$3))	USPAT	2004/06/22 09:54

-	9	(((369/$7.ccls. and (pick$1up (pick adj up) head) and ((laser light wave$1length) with (blue indigo purple violet 3$2nm (3$2 adj (nm nano$1meter)) 4$2nm (4$2 adj (nm nano$1meter)))) and (object$3 adj lens) and (demodulat$3)) and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and ((spindle motor) with (spin$4 rotat$3))) and (phase$1change (phase adj change))	USPAT	2004/06/22 11:30
-	1	369/$7.ccls. and (((sub$1code ((auxiliary sub) adj (code information signal))) with demodulat$3) same differential)	USPAT	2004/06/22 11:32
-	238	369/$7.ccls. and (((sub$1code ((auxiliary sub) adj (code information signal))) with demodulat$3))	USPAT	2004/06/22 11:33
-	1	369/$7.ccls. and ((sub$1code ((auxiliary sub) adj (code information signal))) with demodulat$3) and ((sub$1code ((auxiliary sub) adj (code information signal))) with differential)	USPAT	2004/06/22 11:35
-	21	369/$7.ccls. and ((sub$1code ((auxiliary sub) adj (code information signal))) with demodulat$3) and differential	USPAT	2004/06/22 12:14
-	10	369/$7.ccls. and (((sub$1code ((auxiliary sub) adj (code information signal))) with demodulat$3) with (wobbl$3 focus$4 tracking))	USPAT	2004/06/22 12:16
-	594	369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))	USPAT	2004/06/22 13:23
-	702	369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3???mu?m 0.4???mu?m) ((0.3?? 0.4??) adj (micro$1meter$1 ?mu?m micron$1))))	USPAT	2004/06/22 13:32
-	123	369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))	USPAT	2004/06/22 13:34
-	738	369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1))))	USPAT	2004/06/22 13:49
-	12	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((light adj transmi$5) light?transmi$5)	USPAT	2004/06/22 14:30

-	16	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and (groove with (land guid$3))	USPAT	2004/06/22 14:21
-	39	(369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))	USPAT	2004/06/22 14:23
-	0	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3) near3 layer) with (7??mu.m 8??mu.m 9??mu.m 11??mu.m 120?mu.m 10??mu.m ((7? 8? 9? 11? "120" 10?) adj (micro$1meter$1 ?mu.m))))	USPAT	2004/06/22 14:47
-	6	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3) near3 layer) with (0.07$1mm 0.08$1mm 0.09$1mm 0.11$1mm 0.12mm 0.120mm 0.1$2mm ((0.07$1 0.08$1 0.09$1 0.11$1 0.12 0.120 0.1$2) adj (milli$1meter$1 mm))))	USPAT	2004/06/22 14:53

-	0	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3) near3 layer) with (7??mu?m 8??mu?m 9??mu?m 11??mu?m 120?mu?m 10??mu?m ((7? 8? 9? 11? "120" 10?) adj (micro$1meter$1 ?mu?m))))	USPAT	2004/06/22 14:53
-	0	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3 resin) near3 layer) with (7??mu?m 8??mu?m 9??mu?m 11??mu?m 120?mu?m 10??mu?m ((7? 8? 9? 11? "120" 10?) adj (micro$1meter$1 ?mu?m))))	USPAT	2004/06/22 14:54
-	7	((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3 resin) near3 layer) with (0.07$1mm 0.08$1mm 0.09$1mm 0.11$1mm 0.12mm 0.120mm 0.1$2mm ((0.07$1 0.08$1 0.09$1 0.11$1 0.12 0.120 0.1$2) adj (milli$1meter$1 mm))))	USPAT	2004/06/22 14:56

-	1	(((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3 resin) near3 layer) with (0.07$1mm 0.08$1mm 0.09$1mm 0.11$1mm 0.12mm 0.120mm 0.1$2mm ((0.07$1 0.08$1 0.09$1 0.11$1 0.12 0.120 0.1$2) adj (milli$1meter$1 mm))))) not (((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3) near3 layer) with (0.07$1mm 0.08$1mm 0.09$1mm 0.11$1mm 0.12mm 0.120mm 0.1$2mm ((0.07$1 0.08$1 0.09$1 0.11$1 0.12 0.120 0.1$2) adj (milli$1meter$1 mm)))))	USPAT	2004/06/22 14:56
-	7	(((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3 resin) near3 layer) with (0.07$1mm 0.08$1mm 0.09$1mm 0.11$1mm 0.12mm 0.120mm 0.1$2mm ((0.07$1 0.08$1 0.09$1 0.11$1 0.12 0.120 0.1$2) adj (milli$1meter$1 mm))))) not (((369/$7.ccls. and (((numerical adj aperture) NA) with (0.7$2 0.8$2 0.9 0.90))) and (369/$7.ccls. and (pitch with (((2?? 3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm 2??nm) (0.3$2?mu?m 0.4$2?mu?m 0.2$2?mu?m) ((0.3$2 0.4$2 0.2$2) adj (micro$1meter$1 ?mu?m micron$1))))) and (369/$7.ccls. and ((wave$1length laser light) with (((3?? 4??) adj (nano$1meter$1 nm)) (4??nm 3??nm) (0.3$2?mu?m 0.4$2?mu?m) ((0.3$2 0.4$2) adj (micro$1meter$1 ?mu?m micron$1)))))) and ((((light adj transmi$5) light-transmi$5 protect$3) near3 layer) with (7??mu.m 8??mu.m 9??mu.m 11??mu.m 120?mu.m 10??mu.m ((7? 8? 9? 11? "120" 10?) adj (micro$1meter$1 ?mu.m))))))	USPAT	2004/06/22 14:56